

Title (en)
Method and apparatus for repairing a hernia

Title (de)
Verfahren und Vorrichtung für eine Bruchoperation

Title (fr)
Procédé et appareil de réparation d'une hernie

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Abstract (en)
A device for delivering a soft tissue repair prosthetic is disclosed. It comprises an expandable device configured to be removably connected with a soft tissue repair prosthetic, the expandable device having a first axis and a second axis, the first axis being substantially perpendicular to the second axis. The expandable device also has a length measurable in a direction of the first axis and a width measurable in a direction of the second axis. The second axis defines a maximum width of the expandable device and the expandable device is configured to be manipulated about the first axis into a reduced configuration for insertion into a body. The expandable device includes a first outer expandable segment, a second outer expandable segment, and an intermediate segment extending therebetween. The intermediate expandable segment extends substantially along the first axis and each of the first and second outer expandable segments bow away from the intermediate expandable segment and form respective openings therebetween. No expandable segment connects either of the first and second outer expandable segments with the intermediate expandable segment along the second axis.

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Citation (applicant)
• US 2008065229 A1 20080313 - ADAMS JASON P [US]
• US 6679900 B2 20040120 - KIETURAKIS MACIEJ J [US], et al
• EP 1336391 A1 20030820 - COUSIN BIOTECH [FR], et al
• US 2002082588 A1 20020627 - MCMAHON MICHAEL [GB], et al
• US 2004073257 A1 20040415 - SPITZ GREGORY A [US]
• US 5258100 A 19931102 - NISKANEN TOIVO [US], et al
• WO 9530374 A1 19951116 - ORIGIN MEDSYSTEMS INC [US]
• US 5176692 A 19930105 - WILK PETER J [US], et al
• US 5865728 A 19990202 - MOLL FREDERIC H [US], et al
• US 6258113 B1 20010710 - ADAMS RONALD D [US]
• US 6302897 B1 20011016 - ROUSSEAU ROBERT A [US]
• US 5368602 A 19941129 - DE LA TORRE ROGER A [US]
• US 4685447 A 19870811 - IVERSEN ALFRED A [US], et al
• WO 0197713 A1 20011227 - COUSIN BIOTECH [FR], et al
• US 6152895 A 20001128 - WILK PETER J [US]
• WO 2004037123 A1 20040506 - XAVIER ALFREDO F [US]
• US 5141515 A 19920825 - EBERBACH MARK A [US]
• WO 2009050717 A2 20090423 - SURGICAL STRUCTURE LTD [IL], et al
• TECHNIQUE GUIDE, 2006, Retrieved from the Internet <URL:www.davol.com>

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